


6  
S W A N  
A NEW  
ALMANACK

For the year of our  
LORD GOD,  
1674.



Being the second after Bissextile or Leap year,  
and from the Creation of the World at the  
Spring, 5677 years compleat.

Wherein is shewed the principal Aspects of  
the Planets, with other Celestial observations,  
the inclination of the air, with several other  
things sutable to a work of this kind.

Calculated properly for the famous University  
and Town of Cambridge, where the Pole  
is elevated 52 degr. and 17 min.  
above the Horizon.

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*Dixit autem Deus, fiant Luminaria in Firmamen-  
to Caeli, & dividant Diem ac Noctem: & sint in  
Signa, & tempora, & Dies, & Annos, Gen. 1. 14.*

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C A M B R I D G E,  
Printed by John Hayes, Printer to the  
University. 1674.

**A Regal Table from Egbert ( of whom it is thought  
England took its name ) to our Sovereign Lord  
King Charles the second.**

Kings names	Reig. bega. A. C.	Reign. years	Kings names.	Reig. bega. A. C.	Reign. years
Egbert	818	18	Henry	2 1154	35
Ethelwolf	836	21	Richard	1 1189	10
Ethelbald	857	1	John	1 1199	17
Ethelbert	858	5	Henry	3 1216	56
Ethelred	863	10	Edward	1 1272	35
Alfred	873	27	Edward	2 1307	19
Edward 1 Sax.	900	24	Edward	3 1326	51
Ethelstan	924	16	Richard	2 1377	22
Edmond 1.	940	6	<i>Line of Lanc.</i>		
Edred	946	9	Henry	4 1399	13
Edwyn	955	4	Henry	5 1413	9
Edgar	959	20	Henry	6 1422	38
Edward 2 Sax.	979	37	<i>Line of York.</i>		
Ethelred	982	34	Edward	4 1460	23
Edmond 2	1016	1	Edward	5 1483	0
<i>Danish Line</i>			Richard	3 1483	2
Canutus	1017	20	<i>Families united</i>		
Harold 1.	1037	3	Henry	7 1485	24
Hardicanutus	1040	2	Henry	8 1508	40
Edward conf.	1042	23	Edward	6 1547	6
Harold 2	1065	2	Q. Mary	1553	5
<i>Norman Line</i>			Q. Elizabeth	1558	44
Wil. Conquer.	1066	20	King James	1502	22
Wil. Rufus.	1087	13	Charls	1 1625	24
Henry	1100	35	Charls	2 1648	25
Stephen	1135	19	whom God		
<i>Saxon Line restored</i>			prese. ve.		

This Table needs no explanation, for find but the Kings  
name in the 1, or 4 Column, and in the 2 or 5 you have  
the year of Christ in which he began his Reign, and in  
the 3 or 6 Column the years he Reigned.

Swan 1674.

# A Table of the Terms with their Returns

Hilary Term begins January 23, ends February 12.

Return days, or days of effoin.	Days of Exception	Returns Brevium.	Days of Appera.
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Octa <sup>r</sup> . Hilar. Jan. 20	Jan. 21	Jan. 22	Jan. 23
Quind. Hilar. Jan. 27	Jan. 28	Jan. 29	Jan. 29
Craft. Purif. Feb. 3	Feb. 4	Feb. 5	Feb. 6
Octab. Purif. Feb. 9	Feb. 10	Feb. 11	Feb. 12

Easter Term begins May 6, ends June 1.

Quind. Pasch. May 4	May 4	May 5	May 6
Tres Pasch. May 11	May 11	May 12	May 13
Mens. Pasch. May 18	May 18	May 19	May 20
Quind. Pasch. May 25	May 25	May 26	May 27
Craft. Ascen. May 30	May 30	June 1	June 1

Trinity Term begins June 19, ends July 8

Craft. Trin. June 15	June 16	June 17	June 19
Octab. Trin. June 22	June 22	June 23	June 25
Quind. Trin. June 30	June 30	July 1	July 2
Tres Trin. July 6	July 6	July 7	July 8

Michelm. Term begins Octob. 23, ends Novem. 28

Tres Mich. Octob. 20	Octob. 21	Octob. 22	Octob. 23
Mens. Mich. Octob. 27	Octob. 29	Octob. 29	Octob. 30
Craft. anim. Novem. 3	Novem. 4	Novemb. 6	Novemb. 6
Craft. Mart. Nov. 12	Nov. 13	Novemb. 14	Novem. 16
Octab. Mart. Nov. 18	Nov. 19	Novemb. 20	Novem. 21
Quind. Mart. Nov. 25	Nov. 26	Novemb. 27	Novem. 28

*The Table of the Terms explained.*

**F**irst you are to observe that every Return hath a Basis or known day, from whence it takes its denomination.

Craftino is the morrow after the Basis, or day nominated, as Craftino Trinitatis is the morrow after Trinity Sunday, which is the Basis and day that gives the denomination. Octabis is 8 days after Inclusive. Quind. is 15 days after. Tres that day 3 weeks. Mense that day moneth, and Quind that day 5 weeks.

Now every one of these Returns hath 4 several days whereupon they consist, the first whereof hath a double signification; the one is the day of Return, and the other the day of Essoyn for the Defendant in a personal Action, or the Tenant in a reall Action, to be Essoyn'd, the second is the day of exceptions, for the Plaintiff or Defendant to lay an exception, if no Essoyn be cast, that the Defendant shall not be Essoyn'd or Amerced. The third is Returna Brevium, that is, the day whereon the Sheriff must return the Writ. And the fourth is the day of Appearance for Parties and Jurors in the Court of Common Pleas.

But when any of these days fall upon Ascension day, Midsummer day, All Saints day, or the Feast of the Purification, or any other Saints day, or upon any Sunday, the next day serves for both, as if the Essoyn day fall upon a Sunday, then Monday must serve for that, and for the day of Exception both, as you may find by the foregoing Table.

For the better finding of the fixed Feasts in the following Table, I shall here set down the names, and Characters of the Planets, as they represent the days of the week ☉ Sol Sunday, ☾ Luna Monday, ♂ Mars Tuesday, ☿ Mercury Wednesday, ♃ Jupiter Thursday, ♀ Venus Friday, ♄ Saturn Saturday.



A Table shewing upon what day of the week any of the fixed Feasts will fall for 28 years; and from thence the same for any year past, or to come.

Christ Nat. 1674  
S. And. & Tho. 1675  
Sim. & Jude 1676  
S. Lu. All Sai. 1677  
Michael arc. 1678  
S. Barr. Muth. 1679  
S. James 1680  
S. Peter. 1681  
S. Barnabas. 1682  
Phil. & Jac. 1683  
Mark Evang. 1684  
L. day, Jo. Bap. 1685  
S. Matthias 1686  
Candlemas 1687  
Twelfth day 1688  
New year day 1689  
Years of 1690  
our Lord 1691  
1692  
1693  
1694  
1695  
1696  
1697  
1698  
1699  
1701  
1702

*The foregoing Table explained.*

**W**hen you would know upon what day of the week any of the Saints days will fall, find the year of our Lord in the first Column, and the Saints day at the head, and in the Common Angle, you have the Character of the Planet representing the day of the week, upon which the said day falleth.

Example, against the year of our Lord 1680, under S. Philip and James, I find the Character of Saturn, which sheweth that Philip and James, or May-day, falleth that year, upon a Saturday.

If you would know when any of the said days will fall in the year 1702, begin again at the top of the Table, and instead of 1674, say 1702, and so go on as before, if you would know the same for the year past, begin at the bottom of the Table and in stead of 1701, say 1673 and so count backward, to this Table may be reduced any other Saints day not there yet down, the usefulness of the Table, I have no room to shew at this time; but proceed to the Moveable Feasts.

**The vulgar Notes and Moveable Feasts in both Accounts, viz.**

Julian or English		Gregorian, or Forreig.
3 Golden Number is		3
3 Cycle of the Sun.		3
D Dominical Letter		D
3 Epact.		23
March 1 Shrove Sunday		4 February
April 19 Easter day		25 March
May 24 Rogation Sunday		29 April
May 28 Ascension day		3 May
June 7 Whitsunday		13 May
June 14 Trinity Sunday		20 May
Nov. 29 Advent Sunday		2 Decemb

*The Almanack explained.*

**F**orevery moneth, two pages are design'd,  
 Seven Columns in the left hand page we find,  
 The first moneth days; the second week days show,  
 The Saints, and Ember days, in the third row  
 Are found; and when the Terms begin and end,  
 That Clyents may in time their presents send,  
 Sols place at noon may in the fourth be found,  
 Till he ha h run his Zodiacal round.  
 The fifth, (where Luna is) doth shew the sign,  
 That wives may geld their cocks, and men their swine.  
 The sixth; Sols rising from old Ty.hons bed,  
 The seventh, when he sets, or hides his head,  
 And at the top, when he with Luna close,  
 With both their squares, and when they do oppose.  
 The Column sixth, on the right hand doth shew,  
 The English old account; the second new,  
 Forreign, or Romes account, of which we find,  
 Our year, and moneths, to come ten days behind.  
 The third, when Planets, in Conjunction are,  
 Or Opposition, Sextile, Trine, or Square.  
 And from those Aspects, how inclin'd, the air  
 Will be; to heat, cold, rain, windy or fair.  
 The fourth, not onely shews when 'tis the lot,  
 Of Luna for to wear a beauty-spot,  
 But when the king of Planets will not fear,  
 In a disguise, pae Luna's mask to wear:  
 With other things of note Coelestial;  
 And last the time, when *Cambridge* Terms will fall.  
 And at the head you every moneth may see,  
 Luna ( five times, at least ) will courted be.

# January hath xxxi days.

First quarter the 5 day, 18 min. past 7 in the morn.

Full moon the 12 day, 23 min. past 5 in the morn.

Last quarter the 18 day, 1 min. past 9 at night.

New moon the 26 day, 42 min. past 8 at night.

1	a	Cir. of Christ	21	47	Pisc.	10	8	4	3	56
2	b	Oct. Stephen	22	48		21	8	3	3	57
3	c	Oct. John	23	49	Aries	3	8	2	3	58
4	d	2 sun. af. Ch.	24	51		16	8	0	4	0
5	e	Shimeon	25	52		28	7	59	4	1
6	f	Twelfth day	26	54	Taur	11	7	58	4	2
7	g	Julian	27	55		24	7	57	4	3
8	a	Lucian	28	56	Gem.	8	7	55	4	5
9	b	Marcelline	29	57		22	7	54	4	6
10	c	Sun in Aquar.	0	58	Can.	5	7	52	4	8
11	d	1 sun. af. Ep.	1	59		21	7	51	4	9
12	e	Ariadine	3	0	Leo	6	7	50	4	10
13	f	Hillary Bish.	4	1		21	7	48	4	12
14	g	Felix	5	2	Virg	6	7	47	4	13
15	a	Maurice	6	3		21	7	46	4	14
16	b	Marcellus	7	4	Libr.	5	7	45	4	15
17	c	Anthony	8	5		20	7	44	4	16
18	d	2 afr. Epiph.	9	6	Scorp.	4	7	42	4	18
19	e	wolstan	10	7		17	7	40	4	20
20	f	Octab. Hil.	11	8	Sagit.	0	7	38	4	22
21	g	Agnes	12	9		12	7	36	4	24
22	a	Vincent.	13	10		25	7	34	4	26
23	b	Term begins	14	11	Capr.	7	7	32	4	28
24	c	Timothy	15	12		19	7	30	4	30
25	d	Con. of Paul	16	12	Aqua	7	7	28	4	32
26	e	Poly carp.	17	13		13	7	26	4	34
27	f	Quind. Hilar.	18	14		25	7	24	4	36
28	g	Agnes II.	19	15	Pisc.	6	7	22	4	38
29	a	Walerius	20	16		18	7	20	4	40
30	b	K. Ch. Marz.	21	17	Aries	c	7	18	4	42
31	c	Seturn fast	22	19		12	7	16	4	44

The

3 day at 10 at night Saturn,  
19 day at 10 before noon Jupit.  
22 day at 6 at night Mars  
24 day at 1 afternoon, Mercury  
the same day at midnight, Ven.  
31 day at 10 before noon Sat.

is with the

## January 1674.

- 1 11 Windy with
- 2 12 snow or rain
- 3 13 at the begin-
- 4 14 ring.
- 5 1 \* 2 5 0
- 6 16 Milder now
- 7 17 but cold frosty
- 8 18 weather a-
- 9 19 bout the 12
- 10 20 day.
- 11 21
- 12 22 □ 5 2. a.
- 13 23
- 14 24
- 15 21 Pleasant now
- 16 26 \* 2 1 1 p.
- 17 27 for the time
- 18 28 of the year.
- 19 29 Now expect
- 20 30 \* 0 4 2.
- 21 31 \* 2 5 1 2.
- 22 1 Cold frosty
- 23 2 weather.
- 24 3
- 25 4 Temperate
- 26 5 □ 2 0 6 2
- 27 6 with wholsom
- 28 7 winds.
- 29 8 Towards the
- 30 9 end cloudy if
- 31 10 not snow.

The 12 day, 22 min. past 5 in the morn, (if clouds hinder not) the moon may be seen in the south-west, almost totally Eclipsed.

Cambridge Term begins the 13 day.

The morning star ( Venus ) riseth 36 min. after 6

February Roman account.

The 26 day at 9 at night the Sun will be Eclipsed, to be seen in the western parts of the world.

# February hath xxviii days.

First quarter the 3 day, 52 min. past 9 at night.

Full moon the 10 day, 16 min. past 3 afternoon.

Last quarter the 17 day, 12 min. before noon.

New moon the 25 day, 16 min. past 3 afternoon.

M.D.I	W.D.I	Festival days With terms.	Suns place	Moons place.	Sun rise	Sun set
1	D	+ aft. Eph.	23 18	Aries 25	7 14	4 46
2	e	Purif. of Mary	24 18	Taur. 7	7 12	4 48
3	f	Blaze	25 19	20 7 10	4 50	
4	g	Gilbert	26 19	Gem. 3	7 8	4 52
5	a	Agatha	27 20	16 7 6	4 54	
6	b	Dorothea	28 20	Cap. 0	7 4	4 56
7	c	Angulus	29 21	15 7 2	4 58	
8	D	+ aft. Epiph.	0x 21	29 7 0	5 0	
9	e	Octab. purif.	1 22	Leo 14	6 58	5 2
10	f	Scholastica	2 22	Virgo 0	6 56	5 4
11	g	Bother	3 23	15 6 54	5 6	
12	a	Term ends	4 23	Libra 0	6 52	5 8
13	b	Agabus	5 23	15 6 50	5 10	
14	c	Valentine	6 2	29 6 48	5 12	
15	D	Septuagesim.	7 24	Scorp. 13	6 46	5 14
16	e	Polycron	8 24	26 6 44	5 16	
17	f	Constant	9 24	Sagit 9	6 42	5 18
18	g	Simone	10 24	22 6 42	5 20	
19	a	Sabine	11 24	Capr. 4	6 40	5 22
20	b	Witred	12 25	16 6 38	5 24	
21	c	Cimbret	13 25	28 6 36	5 26	
22	D	Sexagesima	14 25	Aquar. 10	6 34	5 28
23	e	Serenus fast	15 25	22 6 32	5 30	
24	f	Matthias Ap.	16 24	P.sc. 3	6 30	5 32
25	g	Nicophorus	17 24	15 6 28	5 34	
26	a	Witred	18 24	27 6 24	5 36	
27	b	Augustin	19 24	Aries 9	6 22	5 38
28	c	Oswald	20 24	22 6 20	5 40	



The { 15 day at 10 at night Jupiter  
 20 day at 6 at night Mars.  
 24 day at noon Venus and Merc  
 27 day at 10 at night Saturn } is with the ☾

E Ro. Ac. 1 Planets,  
 Aspects with  
 change of air.

Observations upon the Planets,  
 with the begin. and end of Cam-  
 bridge Terms

February 1674.

1 11 Seasonable at  
 2 12 the beginning  
 3 13 of the  
 4 14 moneth.  
 5 15 Cold frosty  
 6 16 \* ♀ 12 p.  
 7 17 weather a-  
 8 18 bout this  
 9 19 time.  
 10 20 Windy and  
 11 21 ☐ ♀ 11 a.  
 12 22 \* ♀ 2 p.  
 13 23 ☐ ♀ 10 p.  
 14 24 stormy weath.  
 15 25 these days.  
 16 26  
 17 27 Warm for the  
 18 28 \* ♀ 6 p.  
 19 1 time of the  
 20 2 year.  
 21 3  
 22 4  
 23 5 Cold with  
 24 6 much snow or  
 25 7 ♂ ♀ n. rain.  
 26 8 Δ ☉ ♀ 2.  
 27 9 Pleasant to-  
 28 10 wards the end

Jupiter, Mars, and Venus are  
 morning stars, but Venus will not  
 be much seen, by reason she riseth  
 not long before the sun; but Jupi-  
 ter and Mars will shine gloriously  
 in the south-east in clear mornings

March Roman account:

The 25 day in the morning Ve-  
 nus and Mercury will be near to-  
 gether in the south-east (they be-  
 ing in Conjunction the same day at  
 noon) but being within 12 Degrees  
 of the sun, will scarce be seen.

# March hath xxxi days.

First quarter the 5 day, 45 min. past 10 before noon.  
 Full moon the 12 day after 1 in the morning.  
 Last quarter the 19 day, 13 min. past 4 in the morn  
 New moon the 27 day, 53 min. past 6 in the morning.

1	D	Shrove-sund.	21	24	Taur.	4 6	18	5	42
2	E	Chad bis.	22	23		17 6	16	5	44
3	F	Shrove-tues.	23	23	Gem.	0 6	14	5	46
4	G	Ashwednesd.	24	23		13 6	12	5	48
5	A	Casibius	25	22		25 6	10	5	50
6	B	Fredericus	26	22	Canc.	10 6	8	5	52
7	C	Perpetua	27	21		24 6	6	5	54
8	D	1 sun. in Lent.	28	21	Leo	8 6	4	5	56
9	E	40 Martyrs	29	20		23 6	2	5	58
10	F	Sun in Aries	0 V	20	Virgo	8 6	0	5	0
11	G	Ember week	1	19		23 5	58	5	2
12	A	Gregory	2	19	Libra	8 5	56	5	4
13	B	Wigand	3	18		23 5	54	5	6
14	C	Leo bis.	4	17	Scorp.	7 5	52	5	8
15	D	2 sun. in Lent	5	16		21 5	50	5	10
16	E	Cyrilac	6	16	Sagit.	5 5	48	5	12
17	F	Gertrude	7	15		18 5	46	5	14
18	G	Edward	8	14	Capr.	0 5	44	5	16
19	A	Joseph	9	13		13 5	42	5	18
20	B	Cutbert	10	12		25 5	40	5	20
21	C	Benedict	11	11	Aqu.	6 5	38	5	22
22	D	3 sun. in Len.	12	10		18 5	36	5	24
23	E	Theodore	13	9	Pisc.	0 5	34	5	26
24	F	Agapite fast	14	8		12 5	32	5	28
25	G	Annun. Mary	15	7		24 5	30	5	30
26	A	Castulus	16	6	Aries	1 5	28	5	32
27	B	Archibald	17	5		18 5	26	5	34
28	C	Fremand	18	3	Taur.	1 5	24	5	36
29	D	Midlent-sun	19	2		14 5	22	5	38
30	E	Patronus	20	1		27 5	20	5	40
31	F	Gusto	21	0	Gem.	10 5	18	5	42

The { 15 day at 5 in the morning Jupit.  
 21 day at 8 at night Mars  
 26 day at midnight Venus  
 27 day at 11 before noon Saturn  
 28 day at 6 at night Mercury } is with the ☾

## March 1674.

Commencement for Bachellours  
 in Arts the 5 day.

The morning star Venus is now  
 near the sun, but Mars riseth half  
 an hour after 4, and Jupiter is  
 south a quart. past 3 in the morning

April Roman account.

The Planet Saturn having been an  
 evening star from the beginning of  
 the year, is now in Conjunction  
 with the sun, and from henceforth  
 becomes a morning star.

1 11 Temperate  
 2 12 weather till  
 3 13 about the 10  
 4 14  $\Delta$  4 2 11 a.  
 5 15 day.  
 6 16  
 7 17  $\Delta$  4 2 10 a.  
 8 18  
 9 19 About this ti.  
 10 20  $\odot$   $\odot$  7 P.  
 11 21 high winds,  
 12 22 \*  $\odot$  2 P.  
 13 23 but soon after  
 14 24 temperate  
 15 25 weather.  
 16 26  
 17 27 Cold & clou-  
 18 28  $\odot$  h 12 P.  
 19 29 \*  $\odot$  8 n. dy  
 20 30 with high  
 21 31 winds, warm  
 22 1 and temperate  
 23 2 soon after.  
 24 3  
 25 4  
 26 5 Towards the  
 27 6 end expect  
 28 7  $\odot$   $\odot$  h 9 P.  
 29 8 cold stormy  
 30 9 weather.  
 31 10 \*  $\odot$  8 11 P.

# April hath xxx days.

First quarter the 3 day, 20 min. past 7 at night.

Full moon the 10 day, 17 min. past 10 before noon.

Last quarter the 17 day, 26 min. past 9 at night.

New moon the 25 day a little after 9 at night.

1	g	Con. M. M.	21	58	Gem.	23	5	16	6	44
2	a	Mary Egv.	22	57	Canc.	6	5	14	6	46
3	b	Richard bis.	23	55		20	5	12	6	48
4	c	Ambrise	24	54	Leo	4	5	10	6	50
5	d	5 sun. in Lent	25	52		18	5	8	6	52
6	e	Ethelwold	26	51	Virgo	3	5	6	6	54
7	f	Sigene Ab.	27	49		17	5	4	6	56
8	g	Egesippus	28	48	Libra	2	5	2	6	58
9	a	Frithstan	29	46		17	5	0	7	0
10	b	Sun in Taurus	08	44	Scorp.	1	4	58	7	2
11	c	Leo Pope	1	43		15	4	56	7	4
12	d	Palm-sunday	2	41		29	4	54	7	6
13	e	Justine	3	39	Sagit.	13	4	52	7	8
14	f	Valerian	4	37		26	4	50	7	10
15	g	Plimpta	5	36	Capr.	8	4	48	7	12
16	a	Adore	6	34		21	4	46	7	14
17	b	Good Friday	7	32	Aquar.	3	4	45	7	15
18	c	Osmond fast	8	0		15	4	43	7	17
19	d	Easter-day	9	28		26	4	41	7	19
20	e	Sulpitius	10	26	Pisc.	8	4	39	7	21
21	f	Anselme	11	24		20	4	38	7	22
22	g	Peter Pap.	12	22	Aries	2	4	36	7	24
23	a	S. George	13	20		14	4	34	7	26
24	b	Miletus	14	18		27	4	33	7	27
25	c	Mark Evang.	15	16	Taur.	10	4	31	7	29
26	d	Low-sunday	16	13		23	4	30	7	30
27	e	W lburge	17	11	Gem.	6	4	28	7	32
28	f	Attalis	18	9		20	4	26	7	34
29	g	Peter Mart.	19	7	Canc.	3	4	25	7	35
30	a	Katherine	20	4		17	4	23	7	37

44  
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3010

Cambridge Term beg. the 29 day.

# May hath xxxi days.

First quarter the 2 day 46 min. after midnight.

Full moon the 9 day 28 min. past 9 at night.

Last quarter the 17 day 55 min. past 2 afternoon.

New moon the 25 day 2 min. past 9 in the morning.

1	b	Phil. and Jac	21	2	Leo	14	22	7	38
2	c	Quind Pasch.	22	0		154	21	7	39
3	D	2 aft Easter	22	58		294	19	7	41
4	e	Florian	23	55	Virg.	134	17	7	43
5	f	Gothard	24	53		274	16	7	44
6	g	Term begins	25	50	Libra	114	14	7	46
7	a	John of Bev.	26	48		264	13	7	47
8	b	Apparit. M.	27	45	scorp.	104	11	7	49
9	c	Pazianzen	28	43		244	9	7	51
10	D	3 aft. Easter	29	40	Sagit	74	7	7	53
11	e	Tres Pasch.	0II	38		2	4	6	54
12	f	San crate	1	35	Capr.	44	5	7	55
13	g	Herbasius	2	33		104	4	7	56
14	a	Boniface	3	30		294	2	7	58
15	b	Dympna	4	28	Aquar.	114	1	7	59
16	c	Peregrin	5	25		234	0	8	0
17	D	4 sun. aft. East.	6	22	Pisc.	43	59	8	1
18	e	Deswal. bish.	7	20		163	58	8	2
19	f	Potentia	8	17		283	57	8	3
20	g	Ethelbert	9	14	Aries	103	56	8	4
21	a	Helene	10	12		223	55	8	5
22	b	Adelmus	11	9	Taur.	53	54	8	6
23	c	Desiderius	12	6		183	53	8	7
24	D	Rogation-su.	13	3	Gem.	13	52	8	8
25	e	Quind. Pasch	14	1		133	51	8	9
26	f	Augustine	14	58		293	50	8	10
27	g	Wede fast	15	55	Canc.	133	49	8	11
28	a	Ascension-da	16	52		273	48	8	12
29	b	K. Cha. 2 nac.	17	50	Leo	113	47	8	13
30	c	Felix	18	47		263	46	8	14
31	D	6 aft. Easter	19	44	Virgo	103	46	8	14



The { 8 day at 2 afternoon Jupiter  
 19 day at 1 in the morning Mars } is with the  
 21 day at 4 afternoon Saturn, }  
 23 day at 11 beforenoon Merc.  
 26 day at 6 in the morning Venus }

1 11 Very warm,

2 12  $\Delta$  2 8 12 p.

3 13 \* 8 9 10 a.

4 14 8 12 9 2 p.

5 15 and variable,

6 16 with high

7 17 winds at the

8 18 beginning of

9 19 the moneth.

10 20 Stationary:

11 21

12 22 Good wea-

13 23 ther, but ve-

14 24 ry warm, and

15 25 not much al-

16 26 teration till

17 27 towards the

18 28 end of the

19 29 moneth.

20 30

21 31 Cooler air at

22 1 this time, and

23 2 toward the

24 3 moneths

25 4 \* 6 9 2.

26 5 end some

27 6 storms if not

28 7 thunder.

29 8

30 9  $\square$  8 4 p.

31 10

May 1674.

The 18 day a little after 10 at night Jupiter may be seen in the Meridian in Conjunction with the bright star of the South balance.

June Roman account,

The evening star Venus is now gotten from under the sun beams, and may be seen to set in the north-west, about an hour after the sun.

B

# June hath xxx days.

First quarter the 1 day 40 min. past 4 in the morning  
 Full moon the 8 day 43 min. past 7 in the morn.  
 Last quarter the 16 day 45 min. past 8 in the morn.  
 New moon the 23 day 25 min. past 6 afternoon.  
 First quarter the 30 day 8 min. past 9 before noon.

1	e	Term ends	20	41	Virgo	24	3	46	8	14
2	f	Marcelline	21	38	Libra	8	3	45	8	15
3	g	Crispinus	22	35		22	3	45	8	15
4	a	Petroctus	23	32	Scorp.	6	3	45	8	15
5	b	Boniface	24	29		19	3	44	8	16
6	c	Claudian fast	25	27	Sagit.	3	3	44	8	16
7	d	Whit Sunday	26	24		16	3	44	8	16
8	e	Medard	27	21		29	3	43	8	17
9	f	Delagis	28	18	Capr.	12	3	43	8	17
10	g	Juniper week	29	15		24	3	43	8	17
11	a	S. Barnabas	0	12	Aquar.	7	3	43	8	17
12	b	Blandine	1	9		19	3	43	8	17
13	c	Anthony	2	6	Pisc.	0	3	43	8	17
14	d	Tri. sun. Ord.	3	3		12	3	43	8	17
15	e	Craft. Trin.	4	0		24	3	43	8	17
16	f	Roseland	4	57	Aries	6	3	44	8	16
17	g	Botolph	5	54		18	3	44	8	16
18	a	Corpus Christ	6	51	Taur.	0	3	44	8	16
19	b	Term begins	7	48		13	3	45	8	15
20	c	Silberius	8	46		26	3	45	8	15
21	d	1 su. af. Trin.	9	43	Gem.	9	3	45	8	15
22	e	Octab. Trin.	10	40		23	3	46	8	14
23	f	Ethel. fast	11	37	Canc.	7	3	46	8	14
24	g	S. Joh. Baptist	12	34		22	3	46	8	14
25	a	Amundus	13	31	Leo	7	3	47	8	13
26	b	Leo bish.	14	28		21	3	47	8	13
27	c	Crispian fa.	15	25	Virgo	6	3	48	8	12
28	d	2 su. af. Trin.	16	22		20	3	49	8	11
29	e	S. Peter Apo.	17	19	Libra	5	3	50	8	10
30	f	Com. of Paul.	18	16		19	3	51	8	9

The { 4 day at 8 afternoon Jupiter,  
 17 day at 2 in the morn. Mars,  
 18 day at 4 in the morn. Saturn } is with the  
 23 day at 6 at night Mercury  
 25 day at 8 in the morning Ven.

June 1674.

The evening star setteth half an hour after 9, Jupiter south half an hour after 8 at night.

July Roman account.

Venus setteth almost at 10 in the north-west, and Jupiter a little after midnight in the south-west.

# July hath xxxi days.

Full moon the 7 day 41 min. past 8 at night.  
 Last quarter the 15 day 33 min. past 11 at night.  
 New moon the 23 day 23 min. past 2 in the morn.  
 First quarter the 29 day 25 min. past 4 in the morn.

1	g	Romwald	19	13	Scorp.	2	3	53	8	7
2	a	Visit. of Mary	20	10		16	3	54	8	6
3	b	Stacyanthus	21	8		29	3	55	8	5
4	c	Ulricas	22	5	Sagit.	12	3	56	8	4
5	D	3 aft. Trin.	23	2		25	3	57	8	3
6	e	Ires Trin.	23	59	Capr.	8	3	58	8	2
7	f	Becket	24	56		20	3	59	8	1
8	g	Term ends	25	53	Aqua.	3	4	0	8	0
9	a	Cyrl	26	50		15	4	1	7	59
10	b	7 Brethren	27	48		27	4	3	7	57
11	c	Pius	28	45	Pisc.	9	4	4	7	56
12	D	4 aft. Trin.	29	42		21	4	5	7	55
13	e	Anacete	0	39	Aries	2	4	7	7	53
14	f	Conabent.	1	37		14	4	8	7	52
15	g	S. Swithin	2	34		26	4	10	7	50
16	a	Osmond	3	31	Taur.	9	4	11	7	49
17	b	Dextus	4	28		21	4	13	7	47
18	c	Rosina	5	26	Gem.	4	4	15	7	45
19	D	5 aft. Trin.	6	23		17	4	17	7	43
20	e	Margaret	7	20	Canc.	1	4	19	7	41
21	f	Praxeda	8	18		16	4	21	7	39
22	g	Mary Mag	9	15	leo	0	4	22	7	38
23	a	Apollon	0	12		15	4	24	7	36
24	b	Christian. fast	11	10	Virg.	0	4	26	7	34
25	c	S. James Ap.	12	7		15	4	27	7	33
26	D	6 aft. Trin.	13	5	Libra	0	4	29	7	31
27	e	Mattha	14	2		15	4	30	7	30
28	f	Celfus	15	0		29	4	32	7	28
29	g	Corrice	15	57	Scor.	13	4	33	7	27
30	a	Abdon	16	55		26	4	35	7	25
31	b	Jonatus	17	52	Sagit.	9	4	37	7	23

The { 1 day at 10 at night Jupiter  
 15 day at 2 afternoon Saturn  
 16 day at 6 in the morn. Mars.  
 24 day at midnight Mercury  
 25 day at 4 in the morn. Venus  
 29 day at 6 in the morn. Jupiter } is with the

July 1674.

The 7 day is Commencement Tuesday.

Cambridge term ends the 10 day.

The 7 day at 40 min. past 8 at night the moon will be eclipsed at her rising, to be seen with us at Cambridge, if clouds hinder not: and the 8 day at 7 at night Saturn and Mars are in Conjunction, in the 20 degree of Aries, and may be seen to rise near together in the East about 11 at night.

Dog days begin.

August Roman account.

The 21 day the Sun will be Eclipsed at 2 in the morning, and therefore cannot be seen by us.

B3

- 1 11 ☐ ♀ 2 p.
- 2 12 Windy,
- 3 13 cloudy and
- 4 14 cool, at the
- 5 15 beginning.
- 6 16 ☐ ♀ 9 p.
- 7 17
- 8 18 ☐ ♂ 7 p.
- 9 19 Turbulent
- 10 20 stormy weat.
- 11 21 ☐ ☉ 1 a.
- 12 22 with thunder
- 13 23 and lightning,
- 14 24 ☐ ☉ ♂ 5 p.
- 15 25 bad weat. for
- 16 26 △ ♀ 8 a.
- 17 27 haymakers.
- 18 28 Milder wea-
- 19 29 △ ♀ 2 a.
- 20 30 cher at this
- 21 31 time with
- 22 1 ☐ ☉ ♀ 2 p.
- 23 2 △ ♀ 9 a.
- 24 3 wholsom air.
- 25 4 ★ ♀ 9 a.
- 26 5 △ ♂ 1 a.
- 27 6 ☐ ♂ 8 p.
- 28 7 Toward the
- 29 8 ead very hot
- 30 9 and like to
- 31 10 thunder.

# August hath xxxi days.

Full moon 6 day, 13 min. past 11 before noon.

Last quarter 14 day, 57 min. past 1 in the afternoon.

New moon 21 day at 10 before noon.

First quarter 28 day. 48 min. past 3 in the morning.

1	c	Lammas day	18	50	Sagit.	22	4	38	7	22
2	d	7 aft. Trin.	19	47	Capr.	5	4	39	7	21
3	e	Ind. Steph.	20	45		17	4	41	7	19
4	f	Dominick	21	43		29	4	43	7	17
5	g	Oswald	22	40	Aqua	11	4	44	7	16
6	a	Sixtus	23	38		23	4	46	7	14
7	b	Donatus	24	36	Pisc.	5	4	48	7	12
8	c	Euseb.	25	34		17	4	50	7	10
9	d	8 aft. Trin.	26	31		29	4	52	7	8
10	e	S. Lauren.	27	29	Aries	11	4	54	7	6
11	f	Gilbert	28	27		23	4	56	7	4
12	g	Clare	29	25	Taur.	5	4	58	7	2
13	a	Hippolytus	om	23		17	5	0	7	0
14	b	Eusebius	1	21	Gem.	0	5	2	6	58
15	c	Assump. of M.	2	19		13	5	4	6	56
16	d	9 aft. Trin.	3	17		26	5	6	6	54
17	e	James	4	15	Canc.	10	5	8	6	52
18	f	Helena	5	14		24	5	10	6	50
19	g	Sebal	6	13	Leo	8	5	12	6	48
20	a	Wernard	7	12		23	5	14	6	46
21	b	Richard bff.	8	11	Virgo	9	5	16	6	44
22	c	Timoth. fatt	9	9		24	5	18	6	42
23	d	10 aft. Trin.	10	8	Libra	9	5	20	6	40
24	e	S. Bartholom.	11	7		24	5	22	6	38
25	f	Arves	12	6	Scorp.	8	5	24	6	36
26	g	Trenus	13	4		22	5	26	6	34
27	a	Dog days end	14	3	Sagit	6	5	28	6	32
28	b	Augustine	15	2		19	5	30	6	30
29	c	Decol. John	16	0	Capr.	2	5	32	6	28
30	d	11 aft. Trin.	16	58		14	5	34	6	26
31	e	Abidan	17	56		26	5	36	6	24



The { 11 day at midnight Saturn  
 13 day at noon Mars  
 22 day at 2 afternoon Mercury } is with the ☽  
 23 day at 10 at night Venus  
 25 day at 8 at night Jupiter

## August 1674.

At the beginning of this moneth in clear evenings, Jupiter may be seen to set in the south-west, about half an hour after 9 in exact Conjunction with the bright star of the south-balance.

## September Roman account.

The 26 day soon after sun-set, the evening star Venus may be seen in the south-west (ready to set) in Conjunction with that glorious star, called the Virgins Spike, a star of the first Magnitude.

1 11 Stationary  
 2 12  
 3 13 ☿ Elongat. a ☉  
 4 14 This moneth  
 5 15 is like to af-  
 6 16 ford much  
 7 17 good wea-  
 8 18 ther, which  
 9 19 will be wel-  
 10 20 come.  
 11 21  $\Delta$  ☿ ☉ 6 p.  
 12 22 Cool, and  
 13 23 cloudy.  
 14 24  
 15 25  
 16 26  
 17 27  
 18 28  
 19 29  
 20 30  
 21 31  
 22 1 Fresh winds  
 23 2 With some  
 24 3 clouds.  
 25 4  $\Delta$  ☿ ☿ 12.  
 26 5 Pleasant har-  
 27 6  $\star$  ☉ 4 62.  
 28 7 wet weather  
 29 8 at this time.  
 30 9 ☿ ☉ ☿ 12 p.  
 31 10 high winds.

# September hath xxx days.

Full moon the 5 day 50 min. past 3 in the morning.  
 Last quarter the 13 day 26 min. past 2 in the morn.  
 New moon the 19 day 6 min. past 6 at night.  
 First quarter the 26 day near 5 at night.

1	f	Jeronica	18	53	Aqua.	8	5	38	6	12
2	g	Scrapia	19	51		20	5	40	6	20
3	a	Lupus	20	49	Pisc.	2	5	42	6	18
4	b	Catbert	21	48		14	5	44	6	16
5	c	Victorin	22	46		26	5	46	6	14
6	d	12 aft. Trin.	23	45	Aries	8	5	48	6	12
7	e	Dunstan	24	43		20	5	50	6	10
8	f	Nativ. Mary	25	42	Taur.	2	5	52	6	8
9	g	Gergon	26	40		14	5	54	6	6
10	a	Nicholas	27	39		27	5	56	6	4
11	b	Marice	28	37	Gem.	9	5	58	6	2
12	c	Eanswilde	29	36		22	5	59	6	1
13	d	13 after Trin.	0	34	Canc.	5	6	0	6	0
14	e	Eratat. cru.	1	3		19	6	2	5	58
15	f	Picomedes	2	32	Leo	3	6	4	5	56
16	g	Ember week	3	31		17	6	6	4	54
17	a	Socrates	4	30	Virg.	2	6	8	5	52
18	b	Ex. o. ius	5	29		17	6	10	5	50
19	c	Januar. fast	6	28	Libra	2	6	12	5	48
20	d	14 aft. Trin.	7	27		17	6	14	5	46
21	e	S. Matthew	8	26	Scorp.	2	6	16	5	44
22	f	Mariclus	9	25		17	6	18	5	42
23	g	Eldras	10	24	Sagit	2	6	20	5	40
24	a	Samuel	11	2		15	6	22	5	38
25	b	Cleophas	12	23	T	18	6	24	5	36
26	c	Cyprian	13	22	Capr.	11	6	26	5	34
27	d	15 aft. Trin.	14	22		23	6	28	5	32
28	e	Wenceslaus	15	21	Aquar.	5	6	30	5	30
29	f	S. Michael	16	21		17	6	32	5	28
30	g	Jerome	17	20		29	6	34	5	26

The { 8 day at 4 in the morning Satur.  
 10 day at 2 afternoon Mars  
 18 day at 2 afternoon Mercury } is with the )  
 22 day at 1 afternoon Jupiter  
 the same day at 6 at night Ven.

## September 1674.

111  
 12 \* ♃ ♄ 12 p.  
 13 Windy, cold  
 14 and wet at  
 15 the beginning  
 16 of the  
 17 moneth.  
 18  
 19  
 20 Good weath.  
 21 Δ ☉ ♄ 8 a  
 22 and warm for  
 23 the time of  
 24 the year.  
 25  
 26 A little wind,  
 27 \* ♃ ♄ 8 p.  
 28 but pleasant  
 29 weather at  
 30 ☉ ♃ ♄ 10 a.  
 1 this time.  
 2  
 3  
 4  
 5  
 6 Δ ♄ ♄ 2 a.  
 7 winds raising  
 8 storms towards  
 9 the end.  
 10 ☉ ♄ ♄ 3 p.

Sturbridge Fair begins the 8 day.

Mars may be seen in the Meridi-  
 an at 4 in the morning not far from  
 the 7 stars, and Mercury being at  
 his greatest oriental distance from  
 the sun may be seen (by such as  
 desire the sight of him) to rise a  
 little to the north-east, near an hour  
 and half before the sun.

## October Roman account.

The 20 day at 10 beforenoon  
 Jupiter and Venus are in Conjun-  
 ction, and may be seen to set near  
 together that evening in the south-  
 west about 7 at night.

# October hath xxxi days.

Full moon 4 day, 19 min. past 8 at night.

Last quarter 12 day, at noon.

New moon 19 day, 41 min. past 3 in the morning.

First quarter 26 day, 42 min. past 10 before noon.

1	a	Remigius	18	20	Pisc.	11	6	39	5	21
2	b	Leodegar	19	19		23	6	41	5	19
3	c	Candidus	20	19	Aries	5	6	43	5	17
4	d	16 aft. Trin.	21	19		17	6	45	5	15
5	e	Apolline	22	18		29	6	47	5	13
6	f	Bruno	23	18	Taur.	11	6	49	5	11
7	g	Marcellus	24	18		24	6	50	5	10
8	a	Demetrius	25	18	Gem.	6	6	52	5	8
9	b	Diogenes	26	17		19	6	54	5	6
10	c	Gideon	27	17	Canc.	2	6	56	5	4
11	d	17 aft. Trin.	28	17		15	6	58	5	2
12	e	Wolfride	29	17		29	7	0	5	0
13	f	Transf. Ed.	om	17	Leo	12	7	2	4	58
14	g	Calixtus	1	17		27	7	4	4	56
15	a	Hedewige	2	17	Virg.	11	7	6	4	54
16	b	Gallus	3	17		26	7	8	4	52
17	c	Eudrey	4	18	Libra	11	7	10	4	50
18	d	S. Luke	5	18		26	7	12	4	48
19	e	Polome	6	18	Scorp.	11	7	14	4	46
20	f	Windeltn	7	18		25	7	15	4	45
21	g	Ursula	8	18	Sagit.	9	7	17	4	43
22	a	Cordula	9	19		23	7	19	4	41
23	b	Term begins	10	19	Capr.	6	7	20	4	40
24	c	Salome	11	20		19	7	22	4	38
25	d	19 aft. Trin.	12	20	Aquar.	2	7	24	4	36
26	e	Amandus	13	21		14	7	25	4	35
27	f	Quo Con. fast	14	21		26	7	27	4	33
28	g	Sim. and Jude	15	22	Pisces	8	7	29	4	31
29	a	Edwine bish.	16	22		19	7	30	4	30
30	b	German	17	23	Aries	1	7	32	4	28
31	c	Quintin fast	18	23		13	7	33	4	27

The { 5 day at 9 in the morn. Saturn  
 7 day at 10 at night Mars  
 19 day at 9 in the morn. Mercury } is with the ☾  
 10 day at 9 in the morn. Jupiter  
 22 day at 2 afternoon Venus }

## October 1674.

The 4 day in the evening, (if the air be clear) the evening star Venus may be seen in Conjunction with a star of the first Magnitude called the Scorpions heart.

Cambridge Term begins the 10 day, and then the Proctours, Taxours and Scrutatours are chosen.

November Roman account.

Mars may now be seen upon the Meridian or South at 1 in the morning, in Conjunction with the 7 stars.

1 11  
 2 12  
 3 13  
 4 14 The former  
 5 15 part of this  
 6 16 moneth, ex-  
 7 17 pe& cold,  
 8 18 ☿ ☿ ☉ o.  
 9 19 windy, and  
 10 20 ☿ ☿ ☿ 10 p.  
 11 21 moist weatner  
 12 22 for many days  
 13 23 together.  
 14 24  
 15 25 ☿ ☉ ☿ 12.  
 16 26  
 17 27  
 18 28  
 19 29 The latter  
 20 30 part of this  
 21 31 monet. is like  
 22 1 △ ☿ ☿ 1 a.  
 23 2 ☿ ☿ ☿ 7 a.  
 24 3 to be warmer,  
 25 4 but very win-  
 26 5 dy, and stormy  
 27 6 weather, if  
 28 7 ☿ ☿ ☿ 12.  
 29 8 not thunder in  
 30 9 ☿ ☿ ☿ 22.  
 31 10 some places.

# November hath xxx days.

Full moon the 3 day 19 min. past 1 afternoon.  
 Last quarter the 10 day 46 min. past 9 at night.  
 New moon the 17 day 8 min. past 3 afternoon.  
 First quarter the 25 day 38 min. past 7 in the morning.

1	D	All Saints	19	23	Aries	25	7	35	4	25
2	e	All Souls	20	24	Taur.	8	7	37	4	23
3	f	Winfride	21	24		20	7	39	4	21
4	g	Agricola	22	25	Gem.	3	7	41	4	19
5	a	Powder treaf.	23	26		16	7	43	4	17
6	b	Severus	24	27		29	7	45	4	15
7	c	Willibrod	25	27	Canc.	12	7	47	4	13
8	D	St. asc. Trin.	26	28		29	7	49	4	11
9	e	Theodorus	27	29	Leo	9	7	51	4	9
10	f	Crispion	28	30		23	7	52	4	8
11	g	Martin bish.	29	31	Virgo	7	7	54	4	6
12	a	Martin Po.	0	32		21	7	55	4	5
13	b	Eugenius	1	33	Libra	6	7	57	4	3
14	c	Frederick	2	33		20	7	59	4	1
15	D	St. asc. Trin.	3	34	Scorp.	5	8	0	4	0
16	e	Edmond bish.	4	35		19	8	1	3	59
17	f	Manus	5	36	Sagit.	3	8	2	3	58
18	g	Gelasius	6	37		17	8	3	3	57
19	a	K. Char. i nat.	7	38	Capr.	1	8	4	3	56
20	b	Edmund K.	8	39		15	8	5	3	55
21	c	Oblat. Mary	9	41		27	8	6	3	54
22	D	St. asc. Trin.	10	42	Aquar.	10	8	7	3	53
23	e	Clement	11	43		22	8	8	3	52
24	f	Chrysogon	12	44	Pisc.	4	8	9	3	51
25	g	Katharine	13	45		16	8	10	3	50
26	a	Conrade	14	46		27	8	11	3	49
27	b	Ada virgin	15	47	Aries	9	8	12	3	48
28	c	Term ends	16	48		21	8	13	3	47
29	D	Advent sund.	17	50	Taur.	4	8	13	3	47
30	e	S. Andrew	18	51		16	8	14	3	46



The { 1 day at 7 in the morning Saturn  
3 day at noon Mars 17 at 4 in the  
morn. Jupit 19 at 2 in the morn.  
Merc. 21 at 11 before noon Venus  
18 day at 1 afternoon Saturn } is with the ☾

## November 1674.

The Vice-chancellour lays down  
his office the 3 day.

The 3 day Mars is in Conjunction  
with the moon, near the 7 stars,  
and both of them in opposition to  
the sun, which may cause tempe-  
stuous weather, let such as are e-  
nemies to Astrology observe it.

11 Warm for the

12 8 ☉ ☿ 3 a.

13 14 season but ve-

14 15 ry tempestu-

15 16 ous and stor-

16 17 my weather.

17 18 Milder wea-

18 19 ther about

19 20 ☉ ☿ 12 p.

20 21 this time.

21 22 △ ☿ ☿ 0.

22 23

23 24

24 25 Windy and

25 26 △ h ☿ 5 p.

26 27 h ☿ 5 a.

27 28 ☿ elon. M. a ☉

28 29 cold inclining

29 30 to frost.

30 1

1 2

2 3

3 4

4 5 Pleasant for

5 6 the season of

6 7 \* ☿ ☿ 3 a.

7 8 the year, to-

8 9 wards the

9 10 end.

## December Roman account.

The 18 day the evening star  
Venus is at her greatest Occiden-  
tal distance from the sun, setting in  
the south-west before 7 in the even-  
ing.

# December hath xxxi days.

Full moon 3 day, 17 min. past 9 in the morning.  
 Last quarter 10 day, 15 min. past 5 in the morning.  
 New moon 17 day, 15 min. past 5 in the morning.  
 First quarter 25 day, 55 min. past 3 in the morning.

1	f	Daniel bish.	19	52	Taur.	29	8	14	3	46
2	g	Candide	20	53	Gem.	11	8	14	3	46
3	a	Luctus	21	54		25	8	15	3	45
4	b	Barbara	22	55	Canc.	8	8	15	3	45
5	c	Sabbas	23	57		23	8	15	3	45
6	d	4 in Advent	24	58	Leo	6	8	16	3	44
7	e	Ambrose	25	59		20	8	16	3	44
8	f	Conce. of M.	27	0	Virg.	4	8	16	3	44
9	g	Joachim	28	1		18	8	17	3	43
10	a	Damasus	29	3	Libra	2	8	17	3	43
11	b	Melchisedec	0	5		16	8	17	3	43
12	c	Epimachus	1	6	Scorp.	0	8	17	3	43
13	d	3 in Advent	2	7		14	8	17	3	43
14	e	Nicholaus	3	9		28	8	17	3	43
15	f	Hilda Abbes.	4	10	Sagit.	12	8	17	3	43
16	g	O Sapientia	Emb. w.			26	8	16	3	44
17	a	Lezarus	6	13	Capr.	9	8	16	3	44
18	b	Christopher	7	14		22	8	16	3	44
19	c	Nemcius	8	15	Aqua.	5	8	15	3	45
20	d	Ord. Sunday	9	16		17	8	15	3	45
21	e	S. Thomas	10	18	Pisc.	0	8	15	3	45
22	f	Hildegunde	11	19		12	8	14	3	46
23	g	Victor bish.	12	20		24	8	14	3	46
24	a	Ad. & G. fast	13	22	Aries	15	8	13	3	47
25	b	Nat. of Christ	14	23		17	8	12	3	48
26	c	S. Stephen	15	24		29	8	11	3	49
27	d	S. John	16	27	Taur.	11	8	10	3	50
28	e	Innocent	17	26		24	8	9	3	51
29	f	Crispian	18	28	Gem.	7	8	8	3	52
30	g	David	19	29		20	8	7	3	53
31	a	Silvester	20	31	Canc.	3	8	6	3	54

The { 15 day at 2 in the mor. Jupiter  
 16 day at midnight Mercury  
 20 day at 6 at night Venus  
 25 day at 8 at night Saturn  
 27 day at 8 at night Mars, } is with the

1 11  
 2 12 Cold winter-  
 3 13  $\Delta$   $\text{h}$   $\odot$  3 p.  
 4 14 like weather  
 5 15 at the begin-  
 6 16 ning.  
 7 17 Cold rain or  
 8 18 snow about  
 9 19  $\square$   $\delta$   $\text{q}$  10 a.  
 10 20 this time,  
 11 21 with high  
 12 22 winds follow-  
 13 23 ing soon.  
 14 24 after.  
 15 25  $\odot$   $\odot$   $\text{q}$  11 p.  
 16 26  
 17 27  
 18 28  
 19 29 Very cold  
 20 30 frosty wea-  
 21 31 ther about  
 22 1  $\ast$   $\text{h}$   $\text{q}$   $\odot$ .  
 23 2 this time.  
 24 3  
 25 4  
 26 5 Milder now,  
 27 6  $\Delta$   $\odot$   $\delta$  3 a.  
 28 7 but at the  
 29 8 end cold and  
 30 9 cloudy.  
 31 10

December. 1674.

Jupiter is now a morning star,  
 and in Conjunction with the scor-  
 pions heart, but somewhat too  
 near the sun to be seen.

Cambridge Term ends the 16 day.  
 The 17 day about 5 in the morn-  
 ing will happen a small Eclipse of  
 the sun to be seen in the south-east  
 part of the world.

January Roman account.

The never resting Sun,  
 His yearly course hath run.  
 And near this time did rise,  
 The Son of righteousness,  
 For whom Gods name let's blest,  
 For they that can do less,  
 Deserve not such a prize.

Swan 1674.

A plain and easie Table shewing the true Interest  
due upon any sum of money from five shillings  
to an hundred pounds, for a year or under,  
after the rate of six pounds  
in the hundred.

		1 Mon.	3 Mon.	6 Mon.	9 Mon.	A year.
		lb. p. q.	lb. p. q.	lb. p. q.	lb. p. q.	lb. p. q.
1 Shil.	5	0 0 0	0 0 3	0 1 3	0 1 2	0 1 3
	10	0 0 0	0 1 3	0 3 2	0 5 0	0 7 0
	15	0 0 0	0 2 2	0 5 1	0 8 2	0 10 2
Pounds.	1	0 1 0	0 3 2	0 7 0	0 10 2	1 2 1
	2	0 2 1	0 7 0	1 2 1	1 9 1	2 4 2
	3	0 3 2	0 10 2	1 9 1	2 7 3	3 6 3
	4	0 4 3	1 2 1	3 4 2	3 6 3	4 9 0
	5	0 6 0	1 6 0	3 0 0	4 6 0	6 0 0
	6	0 7 0	1 9 2	3 7 0	4 2 7	7 2 1
	7	0 8 1	2 1 0	4 2 1	6 3 1	8 4 2
	8	0 9 2	2 4 2	4 9 1	7 3 1	9 6 3
	9	0 10 3	2 8 1	5 4 2	8 0 3	10 9 0
Tens of pounds.		po. lb. p.	po. lb. p.	po. lb. p.	po. lb. p.	po. lb. p.
	10	0 1 0	0 3 0	0 0 0	0 9 0	0 12 0
	20	0 2 0	0 6 0	0 12 0	0 18 0	1 4 0
	30	0 3 0	0 9 0	0 18 0	1 7 0	1 16 0
	40	0 4 0	0 12 0	1 4 0	1 16 0	2 8 0
	50	0 5 0	0 15 0	1 10 0	2 5 0	3 0 0
	60	0 6 0	0 18 0	1 16 0	2 14 0	3 12 0
	70	0 7 0	1 1 0	2 2 0	3 3 0	4 4 0
	80	0 8 0	1 4 0	2 8 0	3 12 0	4 16 0
	90	0 9 0	1 7 0	2 14 0	4 1 0	5 8 0
	100	0 10 0	1 10 0	3 0 0	4 10 0	6 0 0

S W A N

The second part of this

A L M A N A C K

for the year of our

L O R D G O D

1674.

Wherein is contained a figure of the Heavens  
at the Suns entrance into Aries, the Ecli-  
pses, and a famous Conjunction of Saturn  
and Mars, with Rules and Tables, for find-  
ing the hour of the night at all times when  
the Moon or Stars are seen.

---

*Magna opera Domini: Exquisita in omnes  
Voluntates ejus;*

---

C A M B R I D G E,

Printed by John Hayes, Printer to the  
Univerſity, 1674.

Swan 1674.

According to *Astronomia Instaurata* the Sun enters *Aries* this year 1674, March 10 day, 23 minutes past 4 of the Clock in the morning, as by the following Calculation doth appear.

Time	Longit. ☉	Apog. ☉
1601	9 19 58	343 5 43 28
600	0 26 56	1 01 38
13	1 19 51	3 13 21
March 1	28 9 11	10
Day 9	8 52 15	1
hours 16	39 25	
min. 23	56	
Mid. mot. ☉	11 27 58	203 6 58 38
Apog. subf.	3 6 58 38	
Anom. of ☉	8 20 59 42	
Equat. add.	2 1 40	
☉ true place	0 0 0 0	Aries 0 0 0

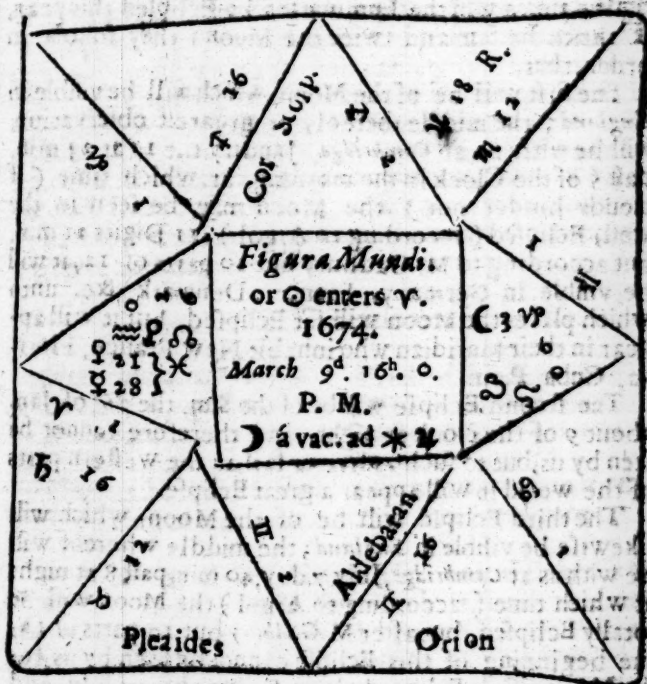
At which time the Figure of the Heavens will appear with us at *Cambridge* as followeth, 5 Degrees of *Aquarius* Ascends the Horizon, the 6 Degree of *Gemini* upon the Cusp of the 4 House, 5 Degrees of *Leo* upon the 7, and the 6 Degree of *Sagittarius* upon the Meridian, or 10 House.

But according to *M. Gadbury's Ephemerides*, Calculated for the Meridian of *London*, the Sun enters *Aries* 23 minutes sooner, that is at 4 the of Clock in the morn, at which time the Scheme will appear at *London*, as followeth.



Swan 1674.

A Figure of the Heavens at the Suns entrance into *Aries*.



The time of the Suns entrance into the other Cardinal signs is as followeth.

He enters *Cancer* June 11 at 7 in the morning, at which time beginneth our summer quarter.

He enters *Libra* September 12 at 11 at night, at which time beginneth the Autumnal quarter.

Last of all he enters *Capricorn* December 11 at 10 before noon, at which time beginneth the winter quarter.

C :

of

Swan 1674.

Of the Eclipses this Year.

Five times will the Luminaries be Eclipsed this year, thrice the Sun and twice the Moon; they follow in order, thus,

The first will be of the Moon, which will be visible in *England*; the middle thereof, or greatest observation, will be with us at *Cambridge*, January the 12 at 23 min. past 5 of the Clock in the morning, at which time (if clouds hinder not) the Moon may be seen in the west, Eclipsed (according to Argol) 11 Digits 21 min. but according to M. Gadbury but 10 parts of 12, it will be visible in Germany, France, Denmark, &c. unto which places the Moon will set Eclipsed, but it will appear in their Meridian who inhabit New France, Florida, Cuba, Peru.

The second Eclipse will be of the Sun, the 26 of Jan. about 9 of the clock at night, and therefore cannot be seen by us, but to such as live or sail, in the Western parts of the world it will appear a great Eclipse.

The third Eclipse will be of the Moon, which will likewise be visible in *England*; the middle whereof will be with us at *Cambridge*, July 7 day, 40 min. past 8 at night at which time (according to Argol) the Moon will be totally Eclipsed, but after M. Gadbury but 10 parts of 12, the beginning of this Eclipse cannot be seen by us, for the Moon riseth Eclipsed about 8, but the middle, and end, may well be observed, for at the middle, the Moon will be near 3 quarters of an hour high.

The fourth Eclipse will be of the Sun, July 23 at 2 of the Clock in the morning, and therefore cannot be seen by us in *England*, the Luminaries being under our Horizon at that time, but will be visible to the Eastern parts of the world.

The

Swan 1674.

The fifth and last Eclipse will be of the Sun the 17 of December, about 5 in the morning, which will be but small, and not visible in England, and therefore I shall say no more of it.

There will also be celebrated a famous Conjunction of Saturn and Mars this year in the 29 Degree of Aries, it happens July 8 day, 36 minutes past 7 at night, and toward midnight they may be seen to rise so near together (in the east) as if Mars Eclipsed Saturn, their latitudes being nearly the same, it being a remarkable Conjunction, and worth observation, I shall take the pains to shew the time of the Planets rising, which I suppose will be about 11 at night, at which time I find the place of the Sun as followeth, and from thence the rising of Saturn.

### The Operation,

Place of ☉ $16^{\circ} 17'$ ♊	Place of ♄ $28^{\circ} 22'$ ♈
Declina. ☉ $10^{\circ} 58'$ north	Latitude ♄ $2^{\circ} 32'$ south
Ri. Ascens. of ☉ $11^{\circ} 5^{\circ} 19'$	Declinat. ♄ $8^{\circ} 24'$ north
Ascensional diff. $29^{\circ} 40'$	Ri. Ascen. $26^{\circ} 19'$
Obliq. ascen. of ☉ $88^{\circ} 39'$	Ascen. difference $10^{\circ} 58'$
Sun rising at 4 h. 0 m.	Obli. Ascension $15^{\circ} 21'$

Now in regard the Oblique Ascension of Saturn is less then the Suns, I add the whole Circle  $360^{\circ}$ , and from the sum  $375^{\circ} 21'$ , I subtract the Oblique Ascension of the Sun  $88^{\circ} 39'$ , and the residue  $286^{\circ} 42'$  being converted into time, gives 19 hours 7 minutes, to which adding the time of Sun-rising 4 hours, the Aggregate is 23 hours 7 minutes, from whence we take 12 for noon, and there remains 11 hours 7 minutes, from whence subtracting 2 minutes for the refraction of Saturn, and we shall have the time of his rising about 5 minutes past

C 3

11 at

Simon 1674.

At night, ( in the operation I have not taken notice of the seconds, they being not much material ) at which time Saturn will be distant from Mars, about 6 minutes in Longitude, and 9 min. in Latitude, Mars rising on the north side of Saturn, if we may confide in our Tables, but time and observation will discover the truth, if clouds hinder not, which I much fear.

This Conjunction, with the two visible Eclipses of the Moon, will afford matter enough for Astrologers to exercise their judgements in, for this year, for the first Eclipse happens in the beginning of Leo the house of the Sun, and Ascendant of Rome. The second Eclipse happens in the evening of the Commencement day at Cambridge, in the Ascendant, and in Capricorn, the Ascendant of Oxford, if we may credit some Tables. The Conjunction of Saturn and Mars, happens in the Equinoctial sign Aries, the Ascendant of England, and not far from the Suns exaltation; these things I shall leave to those who usually write thereof, and all that I shall say concerning the state of the year, is, that according to some observations formerly made, the weather will be unseasonable, with much wind, and wet, and floods toward the end, with a dearth of flesh; time will discover all.

Swan 1674.

# A Brief Chronology.

	<b>T</b> he Creation of the World	5678
	Noahs Flood	4011
	The destruction of Troy	2875
	Bruce entred England	2712
	The building of London	1776
	The building of York	2606
	The building of Cambridge	2488
	Alexander the Great died	1997
	Cesar conquered Britain	1726
	Titus destroyed Jerusalem	1603
	Cambridge made a University	1039
Since	The first Mayor of London	484
	The invention of Guns	294
	The invention of Printing	225
	Tilbury Camp, July 25	86
	The Powder Treason	69
	King Charles I. murdered	26
	King Charles II. Returned	14
	King Charles the II married	12
	The terrible destructive wind in February	12
	3 Blazing Stars in a short time	10
	The great Plague in London whereof died 100000	9
	London almost consumed by fire	8
	The Merchants met again in the Royall Exchange	5
	The Duke of Albemarle died	5
	The Dutchess of Orleans at Dov. and died soon after	4
	War proclaimed against the Dutch March 28	3

# A Table for the Affize of Bread.

Town bakers in Corporations.	By Troy weight, having twelve ounces in a pound, and 20 peny weight in each of those twelve ounces.						By <i>Avoir-du-pois</i> viz. over-weight having 16 ounces in the pound, our common weights.						Country Bakers out of Corpor.						
	Peny white.		Wheat.		Household.		d. White		Wheat		Household			Price of Wheat.					
	ls.	Oun. d.	li.	Oun. d.	li.	Oun. d.	Oun. qu.	Oun. qu.	Oun. qu.	Oun. qu.	Oun. qu.	Oun. qu.	2 <sup>th</sup> . 3 <sup>d</sup> .						
2 <sup>th</sup> . d.	1	3	6	1	1	1	0	2	6	1	2	5	1	3	4	0	2	3	d.
2 3	1	2	2	1	9	2	2	4	4	16	0	2	3	0	3	2	0	2	6
2 6	1	1	0	1	7	10	2	2	0	15	0	2	1	1	3	0	0	2	9
2 9	1	0	1	1	6	0	2	0	2	13	2	1	9	3	2	7	0	3	0
3 0	0	11	5	1	4	18	1	10	10	12	1	1	8	3	2	4	2	3	3
3 3	0	10	11	1	3	16	1	9	2	11	2	1	7	1	2	3	0	3	6
3 6	0	9	19	1	2	17	1	7	18	11	0	1	6	1	2	2	0	3	9
3 9	0	9	8	1	2	11	6	16		10	1	1	5	2	2	0	2	4	0
4 0	0	8	18	1	1	7	5	16		9	3	1	4	3	1	9	2	4	3
4 3	0	8	9	1	0	12	4	17		9	1	1	4	0	1	8	2	4	6
4 6	0	8	1	1	0	0	1	4	2	8	3	1	3	1	1	7	2	4	9
4 9	0	7	13	0	1	10	1	3	6	8	1	1	1	3	1	6	2	5	0
5 0	0	7	7	0	1	0	1	2	14	8	0	1	2	0	1	6	0	5	3
5 3	0	7	1	0	10	10	1	2	1	7	3	1	1	2	1	5	2	5	6
5 6	0	6	15	0	10	2	1	1	10	7	2	1	1	0	1	5	0	5	9
5 9	0	6	5	0	9	14	1	1	0	7	0	10	2	1	4	0	6	0	0
6 0	0	6	5	0	9	6	1	0	10	6	3	10	1	1	3	2	6	3	3
6 3	0	6	0	0	9	0	1	0	0	6	2	10	0	1	3	0	6	6	6
6 6	0	5	16	0	8	15	0	11	12	6	1	9	2	1	2	2	6	9	0
6 9	0	5	12	0	8	9	0	11	2	6	0	9	1	1	2	1	7	0	0

The proportion of the pound *Avoir-du-pois* to the pound *Troy*, is as 60 to 73; so that 60 pounds *Avoir-du-pois* are equal to 73 pounds *Troy*. The proportion of the ounce *Troy* to the ounce *Avoir-du-pois* is as 73 to 80; so that 73 ounces *Troy*, are equal to 80 ounces *Avoir-du-pois*. Therefore the pound *Avoir-du-pois* is greater then the pound *Troy*: and the ounce *Troy* is greater then the ounce *Avoir-du-pois*.

Wheat at 5 shillings the bushel or Strike, the Town-bakers peny white, is (by *Troy*) 7 ounces, 7 peny weight: by *Avoir-du-pois* 8 ounces: And the Countrey bakers peny white (by *Troy*) 7 ounces, 12 peny weight: by *Avoir-du-pois* 8 ounces and one quarter. If the baker want one ounce in 36 ounces of this affize, he shall suffer the Pillory without any fine or admonition, 51 Hen. 3.

Com-



Swan 1674.

Common rules to know the age of the Moon, her Change, Full and Quarters, with the time of her southing, rising and setting.

Years  
of our Epact  
Lord.

To find the Moons age.

1674 3  
1675 14  
1676 25  
1677 6  
1678 17  
1679 28  
1680 9  
1681 20  
1682 1  
1683 12  
1684 23  
1685 4  
1686 15  
1687 26  
1688 7  
1689 18  
1690 29  
1691 11  
1692 22

**T**O find the age of the Moon you must have 3 numbers, the first is the Epact, (which you may find by this Table) the second is the number of the moneths from *March* (including both,) the third is the days of that moneth past wherein you would know, then add those three numbers together, if they rise not to 30, so old is the Moon, or if they pass 30, take 30 out and the rest are the age of the Moon, this is meant of the moneths that have 31 days, for in them which have but 30 you must take away but 29.

*Example.*

The 10 of *August* this year I would know the age of the Moon, first the Epact is 3, and the moneths from *March* to *August* 6 (including both) and 10 the day of the moneth, which added together make 19, which is the age of the Moon that day.

*Another Example.*

The 20 of *September*, the Epact is 3 as before, the months from *March* 7, and 20 the day of the moneth, which added together make 30 from whence take 29 because *September* hath but 30 days, and there rests 1 the age of the Moon that day.

To

# Swan 1674.

To find the day of the Change, add to the Epact the moneths from *March* as before, and if they come not to 30, look what they want of 30, and at so many days of the moneth the Moon changeth.

Example, this year 1674 the Epact is 3 and *August* from *March* 6 which added together make 9 which being taken from 30, because *August* hath 31 days, and there rests 21 for the day of the change.

Again, in *September*, the Epact 3 and the moneths 7 make 10, which being abated from 29, because *September* hath but 30 days, and there rests 19 for the day of the change, now to find the full, add to the change 14 days and 18 hours, and for the other Aspects see this little Table.

To the	{ * }	to the	{ Δ }	add	{	Days.	Ho.	
Conjunction		Full for					4	22
f. r the		the					7	9
	{ Δ }		{ * }			9	20	

To find the Moons coming to the South.

From the New Moon to the Full. multiply the age by 4, but from the Full to the New Moon see what her age wanteth of 30, which multiply by 4, and divide the sum by 5, and the Quotient sheweth the hour of her southing, and the remainder multiplied by 12 produceth the minutes to be added.

Example.

The 10 of *August* this year 1674, the Moon is 19 days old, which multiplied by 4 the product is 76, which being divided by 5, the quotient will be 15, and 1 remaining, which one signifieth 12 min. so that the whole is 15 hours 12 min. from whence take 12 for midnight, and it leaves her southing 12 min. past 3 in the morn. but for the easier finding of her southing and shining, see the following Table.

Swan 1674.

A Table shewing the time of the Moons coming to the South, and quantity of her shining.

The Moons age.	Moons southing and shin.	Moons age for her shin.
1 16	0 48	1 29
2 17	1 36	2 28
3 18	2 24	3 27
4 19	3 12	4 26
5 20	4 0	5 25
6 21	4 48	6 24
7 22	5 36	7 23
8 23	6 24	8 22
9 24	7 12	9 21
10 25	8 0	10 20
11 26	8 48	11 19
12 27	9 36	12 18
13 28	10 24	13 17
14 29	11 12	14 16
15 30	12 0	15

**F**ind the Moons age in the first Column, and next against the same towards the right hand, is the time of her coming to the South; which from the New Moon to the Full is always in the afternoon, but from the Full Moon to the New, it is in the morning.

*Example.*

The 19 of August this year 1674, the Moon is 19 days old, which I find in the first Column, against which towards the right hand, in the second Column, is, 3. 12. so that ( it being after the Full Moon ) I conclude she cometh to the South 12 minutes past 3 in the morning.

To

To find the time of her shining, enter the third Column, with the Moons age, and against it towards the left hand is the time of her shining, which all the time of her increase, being added to the hour of Sun-rising, will give the time of her rising, but if the same be added to the time of Sun-setting, it will give the time of her setting.

But after the Full, take the quantity of her shining from the Sun-rising, and you shall have her rising: but if you take the same from the Sun-setting it gives the time of her setting.

Example, the 10 of *August* before mentioned, the Moon is 19 days old, which I find in the third Column and last row, and against the same in the second Column I find 8 hours 48 minutes, which being taken from the time of Sun-rising 4 hours 54 min. it gives the time of the Moons rising 6 minutes after 8 at night.

Again from the time of Sun-setting at 7 hours 6 min. I take the time of her shining 8 hours 48 min. and it leaves the time of her setting at 18 min. past 10 before noon, if the hours and min. of the Moons shining, be more then the hours and min. of Sun-rising, or setting, (as in this Example) you must add to the hours and minutes of Sun-rising, and setting, 12 hours, and then make subtraction.

But I must tell you these rules are not exact, neither can we obtain the change of the Moon, or her place in the Zodiack precisely, by any common rule whatsoever, by reason of the great inequality in the motion of the Moon, however these will often come near the truth, and may be profitable when better helps are wanting, but for finding the hour of the night more exactly I have added a Table of some of the principal fixed Stars, by which, and the Suns right Ascension, you may find the true hour of the night at any time, when the Stars are seen.

Swan 1674.

A Table shewing the right Ascension and Semi-diurnal arches of 26 of the principal fixed Stars, being very usefull to find the hour of the night.

Names of the Stars.	R. A.		Se. ar.	
	ho. m.	ho. m.	ho. m.	ho. m.
The Southern * of the Whales tail.	27	41	4	
The Girdle of Andromeda	31	20	6	
The former horn of the Ram	36	7	39	
Bright * in the head of the Ram	49	8	7	
Bright * in the jaw of the Whale	45	5	43	
Middlemost of the seven Stars	28	8	16	
Aldebaran, or the Bulls eye	17	7	27	
Bright * of Orion	59	3	14	
The former * of Orions Belt	16	5	57	
Hinder shoulder of Orion	38	6	39	
The bright foot of Gemini	19	7	32	
The great Dog	31	4	30	
The lesser Dog	22	6	32	
North Assellus	23	8	14	
South Assellus	25	7	50	
The Lyons-heart	50	7	14	
The Lyons-tail	32	7	32	
The Virgins-Spik	8	5	11	
Arcturus	1	8	2	
South-Ballance	33	4	40	
North-Ballance	0	5	17	
Scorpions-heart	9	3	23	
The tail of the Vulture	51	7	14	
Higher horn of the Goat	0	4	46	
The mouth of Pegasus	28	6	44	
The head of Andromeda	52	8	51	

A Table shewing the right Ascension of the Sun for every other day in the year.

Days	Janu. H. M.	Febru. H. M.	March H. M.	April. H. M.	May. H. M.	June H. M.
1	19 34	21 42	23 28	1 21	3 14	5 19
3	19 43	21 50	23 34	1 28	3 22	5 27
5	19 51	21 58	23 43	1 35	3 30	5 35
7	19 59	22 5	23 50	1 43	3 38	5 44
9	20 8	22 13	23 57	1 50	3 46	5 52
11	20 16	22 21	0 4	1 58	3 54	6 0
13	20 25	22 28	0 12	2 5	4 2	6 9
15	20 33	22 36	0 19	2 12	4 9	6 17
17	20 42	22 43	0 26	2 20	4 17	6 25
19	20 50	22 51	0 34	2 28	4 25	6 34
21	20 58	22 58	0 41	2 36	4 34	6 42
23	21 6	23 6	0 48	2 43	4 42	6 50
25	21 14	23 14	0 55	2 51	4 50	6 58
27	21 22	23 22	1 2	2 58	4 58	6 7
29	21 30		1 10	2 6	5 6	6 15

Days	July H. M.	August H. M.	Septem. H. M.	Octob. H. M.	Nov. H. M.	Decem. H. M.
1	7 22	9 25	11 18	13 7	15 7	17 15
3	7 31	9 32	11 26	13 14	15 16	17 24
5	7 39	9 40	11 33	13 22	15 24	17 33
7	7 47	9 47	11 40	13 29	15 32	17 42
9	7 55	9 55	11 47	13 37	15 40	17 51
11	8 3	10 2	11 55	13 45	15 49	18 0
13	8 11	10 9	12 2	13 52	15 57	18 9
15	8 19	10 17	12 9	14 0	16 6	18 18
17	8 27	10 24	12 16	14 8	16 14	18 27
19	8 35	10 31	12 24	14 16	16 23	18 36
21	8 43	10 39	12 31	14 23	16 31	18 44
23	8 50	10 46	12 38	14 31	16 40	18 53
25	8 58	10 53	12 45	14 39	16 49	19 2
27	9 6	11 1	12 52	14 47	16 58	19 11
29	9 13	11 8	13 0	14 55	17 6	19 19



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## To find the hour of the night by the former Tables.

*First by the Southing of the Stars.*

I Suppose there is scarce any man but knows some of the fixed stars, especially the 7 stars, or the Bulls eye, Orion, the Lyons heart and Dog stars. When you see any of these, or any other placed in the former Tables upon the South, you must that day take the right Ascension of the sun from the right Ascension of the star, and there remains the hour of the night: but if the suns right Ascension be greater then the stars, and so you cannot subtract, add to the stars right Ascension 24 hours and then make subtraction.

*Example.*

Suppose upon the 5 of Decemb. in the evening I should see the seven stars upon the south point and I desire at that time to know the hour of the night, first I find the right Ascension of the sun that day 17 hours 33 minutes, and the right Ascension of the seven stars 3 hours 28 minutes, now because the right Ascension of the seven stars is less then the suns, I add to the seven stars right Ascension 24 hours, and from the whole I subtract the suns right Ascension 17 hours 33 min. and the remainder 9 hours 55 min. shews that it is 55 min. past 9 at night.

Again the 27 of March I would know at what time the Lyons heart, will be upon the Meridian, or south, first I find the right Ascension of the Lyons heart 9 hours 50 minutes, and the suns right Ascension that day is one hour 2 min. which being subtracted from the right Ascension of the Lyons heart, leaves 8 hours 48 minutes, which shews the Lyons heart will be upon the south point

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point 48 minutes past 8 at night the 27 of March afore  
said.

### To find the hour of the night by the fixed Stars rising and setting.

**T**O find the hour by their setting, add to their south-  
ing their Semidiurnal-arch, (or half their arch above  
our Horizon) and it shews the time of their setting, or  
substract the same from their southing, and you have the  
time of their rising.

#### Example.

**S**uppose the 6 of December in the morning I should see  
the seven stars setting in the west, and would from  
thence learn what hour it is, therefore to the time of  
their southing 9 hours 53 min. I add their Semidiurnal-  
arch found in the first Table 8 hour 16 min. and the  
whole is 18 hours 11 min. from whence casting away 12  
for midnight, there remains 6 hours 11 min. for the hour  
required.

On the contrary, substract their Semidiurnal-arch  
8 hours 16 min. from their southing, and there remains  
one hour 39 min. which shews that the 7 stars rise 39  
min. past one in the afternoon.

After the same manner you may find the hour of the  
night, by the other stars, at any time when they are seen,  
which you will find both usefull and easie.

By the foregoing rules, you soon may find,

The hours of day, and night: now call to mind;

Your time is limited, as well as mine is,

We all like Almanacks, shall have our

FINIS.